## 2008 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT WALLA WALLA, WA.

Variety Name Cubb Italized         AVERAGE (BU/A)         AVERAGE (BU/A)         VERAGE (BU/A)         VIELD (BU/A)         TEST WT (LBS/BU)         PROTEIN (%)         PLANT DATE           ZAK         46.5         52.3         51.1         51.9         60.5         12.6         34.3         165.0           WA008090         48.3         46.9         47.8         59.6         12.2         31.7         166.5           WA008042         48.3         46.9         47.4         60.3         12.6         33.7         165.0           NICK         47.3         45.8         47.1         46.7         60.3         13.0         32.0         159.5           LOUISE         52.2         51.0         47.6         46.5         59.5         11.8         34.7         162.0           WA008049         4         47.1         45.7         59.7         12.4         32.7         163.0           WA008040         4         47.1         45.7         59.7         12.4         32.7         163.0           WA008049         4         42.3         43.6         61.2         11.7         31.7         163.0           WA008059         4         42.3         43.5         42.1		5 YEAR	3 YEAR	2 YEAR	2008					
WA008090         48.3         60.6         11.9         33.3         163.0           WAKANZ         46.9         48.3         46.9         47.8         59.6         12.2         31.7         166.5           WA008042         47.4         60.3         12.6         33.7         165.0           NICK         47.3         45.8         47.1         46.7         60.3         13.0         32.0         159.5           LOUISE         52.2         51.0         47.6         46.5         59.5         11.8         34.7         162.0           WA008089         47.1         45.7         59.7         12.4         32.7         163.0           BZ604-026         47.1         45.7         59.7         12.4         32.7         163.0           WA008039         42.3         43.6         61.2         11.7         31.7         163.5           WHIT         42.0         45.4         43.2         60.2         12.6         31.7         160.0           WA008059         42.1         43.5         42.1         69.5         12.4         32.7         161.0           ALPOWA         45.8         46.1         42.1         41.7         61.3	Variety Name *Club Italized	AVERAGE								
WAKANZ         46.9         48.3         46.9         47.8         59.6         12.2         31.7         166.5           WA008042         47.3         45.8         47.1         46.7         60.3         13.0         32.0         159.5           LOUISE         52.2         51.0         47.6         46.5         59.5         11.8         34.7         162.0           WA008089         47.1         45.7         59.7         12.4         32.7         163.0           WA008041         47.1         45.7         59.7         12.4         32.7         163.0           WA008039         42.2         42.3         43.6         61.2         11.7         31.7         163.5           WHIT         42.0         45.4         43.2         60.2         12.6         31.7         160.0           WA008059         45.8         45.5         42.9         60.3         13.6         32.3         161.0           WA008064         45.8         45.5         42.9         60.3         13.6         32.3         161.0           ALPOWA         45.8         46.1         42.1         41.7         61.3         12.2         31.0         164.0	ZAK	46.5	52.3	51.1	51.9	60.5	12.6	34.3	165.0	
WA008042         47.4         60.3         12.6         33.7         165.0           NICK         47.3         45.8         47.1         46.7         60.3         13.0         32.0         159.5           LOUISE         52.2         51.0         47.6         46.5         59.5         11.8         34.7         162.0           WA008049         47.1         45.7         59.7         12.4         32.7         163.0           BZ604-026         47.1         45.7         59.7         12.4         32.7         163.0           WA008039         42.3         43.6         61.2         11.7         31.7         163.5           WHIIT         42.0         45.4         43.2         60.2         12.6         31.7         160.0           WA008059         45.5         42.9         60.3         13.6         32.3         161.0           WA008046         43.5         42.1         45.5         42.1         59.5         12.4         32.7         161.0           ALPOWA         45.8         46.1         42.1         41.7         61.3         12.2         31.0         164.0           EDEN         46.0         43.6         45.3	WA008090				48.3	60.6	11.9	33.3	163.0	
NICK 47.3 45.8 47.1 46.7 60.3 13.0 32.0 159.5  LOUISE 52.2 51.0 47.6 46.5 59.5 11.8 34.7 162.0  WA008089	WAKANZ	46.9	48.3	46.9	47.8	59.6	12.2	31.7	166.5	
LOUISE         52.2         51.0         47.6         46.5         59.5         11.8         34.7         162.0           WA008089         45.8         61.0         11.3         32.3         163.0           WA008041         47.1         45.7         59.7         12.4         32.7         163.0           BZ604-026         47.1         45.7         59.7         12.4         32.7         163.0           WA008039         42.3         43.6         61.2         11.7         31.7         163.5           WHIT         42.0         45.4         43.2         60.2         12.6         31.7         160.0           WA008046         43.5         42.9         60.3         13.6         32.3         161.0           WA008047         45.8         46.1         42.1         41.7         61.3         12.2         31.0         164.0           EDEN         46.0         43.6         45.3         41.7         61.7         11.8         30.0         160.5           WA008047         43.1         40.5         61.3         12.8         30.0         164.0           WA008058         41.2         43.6         43.0         38.4         59.8<	WA008042				47.4	60.3	12.6	33.7	165.0	
WA008089         45.8         61.0         11.3         32.3         163.0           WA008041         47.1         45.7         59.7         12.4         32.7         163.0           BZ604-026         47.1         45.7         59.7         12.4         32.7         163.0           WA008039         42.3         43.6         61.2         11.7         31.7         163.5           WHIT         42.0         45.4         43.2         60.2         12.6         31.7         160.0           WA008059         45.5         42.9         60.3         13.6         32.3         161.0           WA008046         43.5         42.1         59.5         12.4         32.7         161.0           ALPOWA         45.8         46.1         42.1         41.7         61.3         12.2         31.0         164.0           EDEN         46.0         43.6         45.3         41.7         61.7         11.8         30.0         160.5           WA008047         43.6         43.0         38.4         59.8         12.4         31.3         157.0           WA008058         43.6         43.0         38.4         59.8         12.4         31.3<	NICK	47.3	45.8	47.1	46.7	60.3	13.0	32.0	159.5	
WA008041         47.1         45.7         59.7         12.4         32.7         163.0           BZ604-026         42.3         45.1         61.3         13.0         29.3         160.5           WA008039         42.0         45.4         43.2         60.2         11.7         31.7         163.5           WHIT         42.0         45.4         43.2         60.2         12.6         31.7         160.0           WA008059         45.5         42.9         60.3         13.6         32.3         161.0           WA008046         45.8         46.1         42.1         41.7         61.3         12.2         31.0         164.0           ALPOWA         45.8         46.1         42.1         41.7         61.3         12.2         31.0         164.0           EDEN         46.0         43.6         45.3         41.7         61.7         11.8         30.0         160.5           WA008047         43.1         40.5         61.3         12.8         30.0         164.0           ALTURAS         41.2         43.6         43.0         38.4         59.8         12.4         31.3         157.0           WA008058         13.7 <th>LOUISE</th> <th>52.2</th> <th>51.0</th> <th>47.6</th> <th>46.5</th> <th>59.5</th> <th>11.8</th> <th>34.7</th> <th>162.0</th>	LOUISE	52.2	51.0	47.6	46.5	59.5	11.8	34.7	162.0	
BZ604-026         45.1         61.3         13.0         29.3         160.5           WA008039         42.0         45.4         43.2         60.2         12.6         31.7         163.5           WHIT         42.0         45.4         43.2         60.2         12.6         31.7         160.0           WA008059         45.5         42.9         60.3         13.6         32.3         161.0           WA008046         43.5         42.1         59.5         12.4         32.7         161.0           ALPOWA         45.8         46.1         42.1         41.7         61.3         12.2         31.0         164.0           EDEN         46.0         43.6         45.3         41.7         61.7         11.8         30.0         160.5           WA008047         43.1         40.5         61.3         12.8         30.0         164.0           ALTURAS         41.2         43.5         41.8         38.5         59.7         11.5         30.3         163.0           WA008058         12.4         31.3         157.0         32.0         161.5         31.3         163.0           WA008049         15.1         8.7	WA008089				45.8	61.0	11.3	32.3	163.0	
WA008039         42.3         43.6         61.2         11.7         31.7         163.5           WHIT         42.0         45.4         43.2         60.2         12.6         31.7         163.5           WA008059         45.5         42.9         60.3         13.6         32.3         161.0           WA008046         43.5         42.1         59.5         12.4         32.7         161.0           ALPOWA         45.8         46.1         42.1         41.7         61.3         12.2         31.0         164.0           EDEN         46.0         43.6         45.3         41.7         61.7         11.8         30.0         160.5           WA008047         43.1         40.5         61.3         12.8         30.0         164.0           ALTURAS         41.2         43.5         41.8         38.5         59.7         11.5         30.3         163.0           UI CATALDO         43.6         43.0         38.4         59.8         12.4         31.3         157.0           WA008058         15.1         8.7         6.7         8.5         0.7         1.7             C.V. %         15.1	WA008041			47.1	45.7	59.7	12.4	32.7	163.0	
WHIT       42.0       45.4       43.2       60.2       12.6       31.7       160.0         WA008059       45.5       42.9       60.3       13.6       32.3       161.0         WA008046       43.5       42.1       59.5       12.4       32.7       161.0         ALPOWA       45.8       46.1       42.1       41.7       61.3       12.2       31.0       164.0         EDEN       46.0       43.6       45.3       41.7       61.7       11.8       30.0       160.5         WA008047       43.6       45.3       41.7       61.3       12.8       30.0       164.0         ALTURAS       41.2       43.5       41.8       38.5       59.7       11.5       30.3       163.0         UI CATALDO       43.6       43.0       38.4       59.8       12.4       31.3       157.0         WA008058       15.1       36.0       37.5       60.5       13.7       32.0       161.5         WA008049       29.0       58.4       13.5       30.7       165.0         C.V. %       15.1       8.7       6.7       8.5       0.7       1.7           LSD '@.10'<	BZ604-026				45.1	61.3	13.0	29.3	160.5	
WA008059         45.5         42.9         60.3         13.6         32.3         161.0           WA008046         43.5         42.1         59.5         12.4         32.7         161.0           ALPOWA         45.8         46.1         42.1         41.7         61.3         12.2         31.0         164.0           EDEN         46.0         43.6         45.3         41.7         61.7         11.8         30.0         160.5           WA008047         43.1         40.5         61.3         12.8         30.0         164.0           ALTURAS         41.2         43.5         41.8         38.5         59.7         11.5         30.3         163.0           UI CATALDO         43.6         43.0         38.4         59.8         12.4         31.3         157.0           WA008082         32.1         59.9         13.6         31.3         163.0           WA008049         29.0         58.4         13.5         30.7         165.0           C.V. %         15.1         8.7         6.7         8.5         0.7         1.7             LSD '@.10'         4.1         3.1         2.9         5.0	WA008039			42.3	43.6	61.2	11.7	31.7	163.5	
WA008046       43.5       42.1       59.5       12.4       32.7       161.0         ALPOWA       45.8       46.1       42.1       41.7       61.3       12.2       31.0       164.0         EDEN       46.0       43.6       45.3       41.7       61.7       11.8       30.0       160.5         WA008047       43.1       40.5       61.3       12.8       30.0       164.0         ALTURAS       41.2       43.5       41.8       38.5       59.7       11.5       30.3       163.0         UI CATALDO       43.6       43.0       38.4       59.8       12.4       31.3       157.0         WA008058       37.5       60.5       13.7       32.0       161.5         WA008049       32.1       59.9       13.6       31.3       163.0         C.V. %       15.1       8.7       6.7       8.5       0.7       1.7           LSD '@ .10'       4.1       3.1       2.9       5.0       0.6       0.3           Average       46.5       46.2       45.1       42.7       60.3       12.5       31.9       162.4         Highest	WHIT		42.0	45.4	43.2	60.2	12.6	31.7	160.0	
ALPOWA 45.8 46.1 42.1 41.7 61.3 12.2 31.0 164.0  EDEN 46.0 43.6 45.3 41.7 61.7 11.8 30.0 160.5  WA008047 43.1 40.5 61.3 12.8 30.0 164.0  ALTURAS 41.2 43.5 41.8 38.5 59.7 11.5 30.3 163.0  UI CATALDO 43.6 43.0 38.4 59.8 12.4 31.3 157.0  WA008058 37.5 60.5 13.7 32.0 161.5  WA008082 32.1 59.9 13.6 31.3 163.0  WA008049 29.0 58.4 13.5 30.7 165.0  C.V. % 15.1 8.7 6.7 8.5 0.7 1.7  LSD '@ .10' 4.1 3.1 2.9 5.0 0.6 0.3  Average 46.5 46.2 45.1 42.7 60.3 12.5 31.9 162.4  Highest 52.2 52.3 51.1 51.9 61.7 13.7 34.7 166.5	WA008059			45.5	42.9	60.3	13.6	32.3	161.0	
EDEN       46.0       43.6       45.3       41.7       61.7       11.8       30.0       160.5         WA008047       43.1       40.5       61.3       12.8       30.0       164.0         ALTURAS       41.2       43.5       41.8       38.5       59.7       11.5       30.3       163.0         UI CATALDO       43.6       43.0       38.4       59.8       12.4       31.3       157.0         WA008058       2       43.6       43.0       38.4       59.8       12.4       31.3       157.0         WA008082       37.5       60.5       13.7       32.0       161.5         WA008049       29.0       58.4       13.5       30.7       165.0         C.V. %       15.1       8.7       6.7       8.5       0.7       1.7           LSD '@.10'       4.1       3.1       2.9       5.0       0.6       0.3           Average       46.5       46.2       45.1       42.7       60.3       12.5       31.9       162.4         Highest       52.2       52.3       51.1       51.9       61.7       13.7       34.7       166.5	WA008046			43.5	42.1	59.5	12.4	32.7	161.0	
WA008047         43.1         40.5         61.3         12.8         30.0         164.0           ALTURAS         41.2         43.5         41.8         38.5         59.7         11.5         30.3         163.0           UI CATALDO         43.6         43.0         38.4         59.8         12.4         31.3         157.0           WA008058         37.5         60.5         13.7         32.0         161.5           WA008082         32.1         59.9         13.6         31.3         163.0           WA008049         29.0         58.4         13.5         30.7         165.0           C.V. %         15.1         8.7         6.7         8.5         0.7         1.7             LSD '@.10'         4.1         3.1         2.9         5.0         0.6         0.3             Average         46.5         46.2         45.1         42.7         60.3         12.5         31.9         162.4           Highest         52.2         52.3         51.1         51.9         61.7         13.7         34.7         166.5	ALPOWA	45.8	46.1	42.1	41.7	61.3	12.2	31.0	164.0	
ALTURAS       41.2       43.5       41.8       38.5       59.7       11.5       30.3       163.0         UI CATALDO       43.6       43.0       38.4       59.8       12.4       31.3       157.0         WA008058       37.5       60.5       13.7       32.0       161.5         WA008082       32.1       59.9       13.6       31.3       163.0         WA008049       29.0       58.4       13.5       30.7       165.0         C.V. %       15.1       8.7       6.7       8.5       0.7       1.7           LSD '@.10'       4.1       3.1       2.9       5.0       0.6       0.3           Average       46.5       46.2       45.1       42.7       60.3       12.5       31.9       162.4         Highest       52.2       52.3       51.1       51.9       61.7       13.7       34.7       166.5	<b>EDEN</b>	46.0	43.6	45.3	41.7	61.7	11.8	30.0	160.5	
UI CATALDO       43.6       43.0       38.4       59.8       12.4       31.3       157.0         WA008058       37.5       60.5       13.7       32.0       161.5         WA008082       32.1       59.9       13.6       31.3       163.0         WA008049       29.0       58.4       13.5       30.7       165.0         C.V. %       15.1       8.7       6.7       8.5       0.7       1.7           LSD '@.10'       4.1       3.1       2.9       5.0       0.6       0.3           Average       46.5       46.2       45.1       42.7       60.3       12.5       31.9       162.4         Highest       52.2       52.3       51.1       51.9       61.7       13.7       34.7       166.5	WA008047			43.1	40.5	61.3	12.8	30.0	164.0	
WA008058       37.5       60.5       13.7       32.0       161.5         WA008082       32.1       59.9       13.6       31.3       163.0         WA008049       29.0       58.4       13.5       30.7       165.0         C.V. %       15.1       8.7       6.7       8.5       0.7       1.7           LSD '@ .10'       4.1       3.1       2.9       5.0       0.6       0.3           Average       46.5       46.2       45.1       42.7       60.3       12.5       31.9       162.4         Highest       52.2       52.3       51.1       51.9       61.7       13.7       34.7       166.5	ALTURAS	41.2	43.5	41.8	38.5	59.7	11.5	30.3	163.0	
WA008082         32.1         59.9         13.6         31.3         163.0           WA008049         29.0         58.4         13.5         30.7         165.0           C.V. %         15.1         8.7         6.7         8.5         0.7         1.7             LSD '@ .10'         4.1         3.1         2.9         5.0         0.6         0.3             Average         46.5         46.2         45.1         42.7         60.3         12.5         31.9         162.4           Highest         52.2         52.3         51.1         51.9         61.7         13.7         34.7         166.5	UI CATALDO		43.6	43.0	38.4	59.8	12.4	31.3	157.0	
WA008049         29.0         58.4         13.5         30.7         165.0           C.V. %         15.1         8.7         6.7         8.5         0.7         1.7             LSD '@.10'         4.1         3.1         2.9         5.0         0.6         0.3             Average         46.5         46.2         45.1         42.7         60.3         12.5         31.9         162.4           Highest         52.2         52.3         51.1         51.9         61.7         13.7         34.7         166.5	WA008058				37.5	60.5	13.7	32.0	161.5	
C.V. %       15.1       8.7       6.7       8.5       0.7       1.7           LSD '@ .10'       4.1       3.1       2.9       5.0       0.6       0.3           Average       46.5       46.2       45.1       42.7       60.3       12.5       31.9       162.4         Highest       52.2       52.3       51.1       51.9       61.7       13.7       34.7       166.5	WA008082				32.1	59.9	13.6	31.3	163.0	
LSD '@ .10'         4.1         3.1         2.9         5.0         0.6         0.3             Average         46.5         46.2         45.1         42.7         60.3         12.5         31.9         162.4           Highest         52.2         52.3         51.1         51.9         61.7         13.7         34.7         166.5	WA008049				29.0	58.4	13.5	30.7	165.0	
Average       46.5       46.2       45.1       42.7       60.3       12.5       31.9       162.4         Highest       52.2       52.3       51.1       51.9       61.7       13.7       34.7       166.5	C.V. %	15.1	8.7	6.7	8.5	0.7	1.7			
Highest 52.2 52.3 51.1 51.9 61.7 13.7 34.7 166.5	LSD '@ .10'	4.1	3.1	2.9	5.0	0.6	0.3			
	Average	46.5	46.2	45.1	42.7	60.3	12.5	31.9	162.4	
<b>Lowest</b> 41.2 42.0 41.8 29.0 58.4 11.3 29.3 157.0	Highest	52.2	52.3	51.1	51.9	61.7	13.7	34.7	166.5	
	Lowest	41.2	42.0	41.8	29.0	58.4	11.3	29.3	157.0	

## 2008 WSU EXTENSION HARD WHITE SPRING WHEAT NURSERY AT WALLA WALLA, WA.

	5 YEAR	3 YEAR	2 YEAR		2008				
Variety Name	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	
OTIS	57.6	62.0	52.3	52.5	60.7	13.6	36.7	164.0	
WA008079				48.7	59.7	13.5	36.3	162.0	
LOLO	61.3	61.2	49.7	48.6	60.2	14.2	34.3	162.0	
RSI10348W				47.4	60.8	14.5	29.3	156.5	
WA008078				47.2	59.9	14.9	34.7	159.0	
WA008080				44.6	59.4	14.6	35.0	161.0	
WA008037				39.7	60.2	15.1	34.3	162.5	
07M SP1				36.3	61.3	14.7	32.0	163.0	
MACON	50.4	52.1	41.3	36.0	59.9	14.1	32.0	160.5	
BLANCA GRAND	E 47.6	44.6	37.6	34.9	61.6	14.9	27.3	155.5	
WA008081				27.5	57.8	15.8	32.7	158.0	
CLEAR WHITE			35.6	24.9	58.0	14.2	27.7	156.0	
C.V. %	11.6	8.7	7.6	9.4	1.0	1.4			
LSD'@ .10'	3.5	3.3	3.2	5.4	0.8	0.3			
Average	54.2	55.0	43.3	40.7	60.0	14.5	32.7	160.0	
Highest	61.3	62.0	52.3	52.5	61.6	15.8	36.7	164.0	
Lowest	47.6	44.6	35.6	24.9	57.8	13.5	27.3	155.5	

## 2008 WSU EXTENSION HARD RED SPRING WHEAT NURSERY AT WALLA WALLA, WA.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2008					
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	
SCARLET	51.2	52.7	49.0	50.5	59.0	15.2	34.3	161.0	
WA008077				49.9	59.1	15.5	35.3	163.5	
WA008033				49.3	59.1	15.2	33.0	163.0	
KELSE		52.3	45.2	47.1	60.3	16.6	35.3	161.0	
WA008034			45.7	46.8	58.8	14.9	33.0	162.5	
WA008030			44.7	46.2	59.8	16.2	34.7	164.5	
JEFFERSON	53.2	52.0	46.2	45.8	59.8	16.2	32.7	160.0	
HANK	57.4	53.9	43.0	41.6	59.2	16.5	31.0	159.5	
WA008027			41.2	39.8	60.3	17.8	35.0	162.5	
UI WINCHESTER	र			39.6	60.1	15.9	31.0	158.5	
NPBHR70				39.1	59.4	16.3	30.3	159.0	
<b>BUCK PRONTO</b>	52.1	51.1	42.6	38.2	59.9	16.8	31.7	156.5	
BZ901-717				38.0	60.1	17.3	34.3	158.0	
HOLLIS	53.1	50.8	41.9	37.9	59.9	16.7	39.3	160.0	
TARA 2002	54.7	51.9	42.4	36.7	59.2	17.3	34.7	157.5	
AP-81				34.5	60.9	16.1	27.7	161.0	
RSI20035				34.0	59.1	16.0	29.0	158.5	
JEDD		47.9	38.6	33.6	61.2	16.4	28.3	160.0	
<b>WESTBRED 926</b>	51.9	49.9	39.2	32.8	59.1	17.2	30.7	158.0	
VOLT		49.5	38.0	32.8	60.1	16.0	29.7	163.5	
WA008026				26.6	60.5	17.5	35.0	161.0	
C.V. %	12.0	10.0	7.4	9.4	0.5	1.2			
LSD '@ .10'	3.6	3.7	3.0	5.2	0.4	0.3			
Average	53.4	51.2	42.9	40.0	59.8	16.4	32.7	160.4	
Highest	57.4	53.9	49.0	50.5	61.2	17.8	39.3	164.5	
Lowest	51.2	47.9	38.0	26.6	58.8	14.9	27.7	156.5	

## WALLA WALLA SPRING WHEAT - 2008 WSU VARIETY TESTING DATA

- 2008 Spring Wheat YIELD DATA from the WSU Variety Testing nursery at the Walla Walla, WA location averaged 42.7, 40.7, and 40.0 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. The 2008 spring wheat yields at Walla Walla were below the previous historical 3-year average at this location by (2.3%), (24.2%), and (19.0%) for soft white spring, hard white spring, and hard red spring, respectively. NOTE: This nursery was located about 1 mile West of Prescott, WA on SR 125 (A. Ford farm).
- 2. This nursery was planted (12 March 2008) on re-crop ground following winter wheat using a no-till plot drill (cross-slot openers, 10-in. spacing) at a seeding rate of 80#. A March 2008 soil test showed 9.58 inches moisture in the top 4-feet. Base fertilizer was 20#N, 4#P, and 4#S. March 2008 soil test analysis showed 231#N, 45P#, and 13S#, additional fertilizer was applied at the following rates: (30#N, 6#P, and 6#S) and (60#N, 9#P and 9#S) hard white and hard red spring nurseries, respectively.
- 3. Average **TEST WEIGHT** values ranged across market classes from 57.8 lb/bu to 61.7 lb/bu.
- 4. **GRAIN PROTEIN** values averaged 12.5%, 14.5% and 16.4% for soft white, hard white and hard red spring market classes, respectively.