

2006 Soybean Herbicide Evaluation - Waseca Tall Waterhemp site

| Herbicide | Rate | Giant foxtail | Common lambsquarters | Tall waterhemp | Yield (bu/A) | Cost ----(\$/A)---- | Returns |
|---|---|-----------------------|-------------------------|-------------------|-----------------|------------------------|-----------|
| Preplant incorporated/ POST I (4-inch weeds) | | | | | | | |
| | (rate/A) | -----(% control)----- | | | | | |
| 1 Prowl H2O / Raptor + First Rate + NIS + AMS | 43 oz / 4 oz + 0.3 oz + 0.25% + 3 q | 59 | 99 | 50 | 36.6 | 54.35 | 158 |
| 2 Pursuit Plus / First Rate + NIS + AMS | 2.5 / 0.3 + 0.25% + 3 q† | 56 | 94 | 63 | 33.9 | 43.63 | 153 |
| 3 Prowl H2O / Extreme + NIS + AMS | 43 oz / 3 pt + 0.125% + 3 q | 93 | 99 | 67 | 40.3 | 54.73 | 179 |
| Preemergence/ POST I (4-inch weeds) | | | | | | | |
| 4 Weedy | - | 0 | 0 | 0 | 19.0 | 0.00 | 110 |
| 5 Gangster / First Rate + Phoenix + SelectMax + NIS + AMS | 3 oz / 0.3 oz + 8 oz + 9 oz + 0.25% + 3 c | 89 | 79 | 88 | 42.4 | 58.81 | 187 |
| 6 Gangster / First Rate + Phoenix + V10139 + NIS + AMS | 3 oz / 0.3 oz + 8 oz + 9 oz + 0.25% + 3 c | 89 | 86 | 99 | 41.8 | No Label | |
| 7 Boundary / Flexstar + Fusion + Harmony GT + MSO + 28% | 1.5 / 16 oz + 8 oz + 0.125 oz + 1% + 2.5% | 95 | 88 | 99 | 42.8 | 57.79 | 190 |
| Preemergence/ POST II (6-inch weeds) | | | | | | | |
| 8 IntRRo / Roundup Weather Max + AM\$ | 4 / 22 oz + 3 qt | 98 | 99 | 97 | 47.6 | 48.97 | 227 |
| 9 Prowl H2O + Outlook / Roundup Weather Ma | 1 + 12.6 oz / 22 oz + 3 q | 98 | 99 | 99 | 45.5 | 56.38 | 208 |
| 10 Gangster/ Roundup Original Max + AM\$ | 1.8 oz / 22 oz + 4 q | 99 | 99 | 97 | 45.5 | 46.46 | 217 |
| 11 Prefix CP / Touchdown Total + AM\$ | 1 / 24 oz + 3 qt | 99 | 99 | 97 | 45.2 | 48.13 | 214 |
| 12 Boundary / Touchdown Total + AM\$ | 1.5 / 24 oz + 3 qt | 99 | 97 | 96 | 46.4 | 52.41 | 216 |
| 13 Valor SX / Roundup Original Max + AM\$ | 2 oz / 22 oz + 3 q | 97 | 98 | 99 | 44.1 | 45.37 | 210 |
| 14 Valor SX + Python / Roundup Original Max + AM\$ | 1.5 oz + 0.5 oz / 22 oz + 3 q | 99 | 97 | 99 | 48.1 | 47.92 | 231 |
| 15 Valor SX + Sencor / Roundup Original Max + AM\$ | 1.5 oz + 3 oz / 22 oz + 3 q | 97 | 97 | 99 | 50.1 | 45.99 | 244 |
| 16 Python / Glyphomax XRT + AM\$ | 0.5 / 24 oz + 3 qt | 98 | 99 | 97 | 46.0 | 42.59 | 224 |
| 17 Python / Glyphomax XRT + AM\$ | 0.8 / 24 oz + 3 qt | 98 | 99 | 99 | 47.5 | 45.42 | 227 |
| 18 FirstRate / Glyphomax XRT + AM\$ | 0.3 / 24 oz + 3 qt | 99 | 96 | 93 | 46.9 | 45.40 | 227 |
| 19 Weed Free | - | 100 | 100 | 100 | 48.4 | 0.00 | 281 |
| POST I (4-inch weeds)/POST III(Canopy) | | | | | | | |
| 20 Roundup Weather Max + AMS | 22 oz + 3 qt / | 99 | 99 | 99 | 47.2 | 49.46 | 225 |
| Roundup Weather Max + AM\$ | 22 oz + 3 qt | | | | | | |
| 21 GF-1280 + AMS / GF-1280 + AMS | 24 oz + 3 qt / 24oz + 3 q | 99 | 99 | 99 | 45.9 | No Label | |
| POST II (6-inch weeds) | | | | | | | |
| 22 Harmony GT + Roundup Original Max + NIS + AM\$ | 0.5 oz + 22 oz 0.25% + 3 q | 98 | 99 | 96 | 50.4 | 34.75 | 257 |
| 23 Harmony GT + Classic + Roundup Original Max + AM\$ | 0.5 oz + 0.33 oz + 22 oz 0.25% + 3 q | 99 | 99 | 96 | 45.8 | 38.97 | 226 |
| 24 Roundup WeatherMax+AM\$ | 22 oz + 3 qt | 98 | 99 | 99 | 46.3 | 31.60 | 237 |
| LSD (P=0.10) | | 8 | 10 | 14 | 4.9 | | 30 |