## Broadleaf weed control in wheat with Talinor

The objective of the study was to evaluate Talinor for broadleaf weed control in wheat compared to standard treatments. Herbicides treatments were applied postemergence on June 4 at the 4-leaf wheat stage.

None of the treatments caused visible crop injury two weeks after application. Talinor, Huskie, and Huskie Complete generally provided fair control of kochia, lambsquarters, and wild buckwheat. WideMatch and PerfectMatch provided good control of kochia and wild buckwheat. Affinity TM + WideMatch provided good to excellent control of all weeds.

| Table. Broadleaf weed cont            | roi with Talinor. (17) | 20)      |           |       |       |          |        |                           |        |       |        |       |  |
|---------------------------------------|------------------------|----------|-----------|-------|-------|----------|--------|---------------------------|--------|-------|--------|-------|--|
|                                       |                        |          | Whe       |       |       |          |        | Weed Control <sup>c</sup> |        |       |        |       |  |
|                                       |                        |          | Injury    |       | Yield | Test wt. | Koch   |                           | Colq   |       | Wibw   |       |  |
| Treatment                             | Rate                   | Timing   | Jun-20    | Jul-7 | Aug-1 | Aug-1    | Jun-20 | Jul-7                     | Jun-20 | Jul-7 | Jun-20 | Jul-7 |  |
|                                       |                        |          | %         |       | bu/a  | lb/bu    | %%     |                           |        |       |        |       |  |
| Untreated                             |                        |          | 0         | 0     | 21.2  | 38.7     | 0      | 0                         | 0      | 0     | 0      | 0     |  |
| Coact+ + Talinor <sup>a</sup>         | 2.75 oz + 13.7 oz      | POST     | 0         | 0     | 52.9  | 59.1     | 68     | 65                        | 74     | 70    | 73     | 70    |  |
| Coact+ + Talinor <sup>a</sup>         | 3.2 oz + 16 oz         | POST     | 0         | 0     | 49.3  | 58.9     | 80     | 77                        | 87     | 79    | 81     | 73    |  |
| Coact+ + Talinor <sup>a</sup>         | 3.6 oz + 18.2 oz       | POST     | 0         | 0     | 49.6  | 59.4     | 83     | 78                        | 87     | 80    | 82     | 77    |  |
| Huskie <sup>b</sup>                   | 11 oz                  | POST     | 0         | 0     | 50.7  | 58.8     | 73     | 67                        | 78     | 78    | 72     | 73    |  |
| WideMatch                             | 16 oz                  | POST     | 0         | 0     | 51.6  | 60.6     | 87     | 83                        | 28     | 28    | 88     | 89    |  |
| Affinity TM + WideMatch <sup>b</sup>  | 0.6 oz + 16 oz         | POST     | 0         | 0     | 54.9  | 60.2     | 89     | 86                        | 95     | 99    | 95     | 99    |  |
| Affinity TM + MCPA-Ester              | 0.6 oz + 12 oz         | POST     | 0         | 0     | 34.5  | 57.8     | 20     | 10                        | 93     | 99    | 95     | 99    |  |
| Huskie Complete                       | 13.7 oz                | POST     | 0         | 0     | 46.5  | 59.8     | 64     | 67                        | 75     | 75    | 80     | 80    |  |
| PerfectMatch                          | 16 oz                  | POST     | 0         | 0     | 47.4  | 60.2     | 83     | 85                        | 77     | 81    | 86     | 90    |  |
| LSD (0.05)                            |                        |          | NS        | NS    | 13.4  | NS       | 8.9    | 9.8                       | 11.1   | 7.3   | 7.8    | 8.3   |  |
| CV                                    |                        |          | 0         | 0     | 17.0  | 18.6     | 8.0    | 9.3                       | 9.3    | 6.2   | 6.0    | 6.5   |  |
| <sup>a</sup> Applied with COC (1%)    |                        |          |           |       |       |          |        |                           |        |       |        |       |  |
| <sup>b</sup> Applied with NIS (0.25%) |                        |          |           |       |       |          |        |                           |        |       |        |       |  |
| <sup>c</sup> Koch=kochia; Colq=Comn   | non lamb squarters;    | Wib w=Wi | ld buckwh | neat  |       |          |        |                           |        |       |        |       |  |