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- (d) The length or width of the proposed unit does not exceed 5200 feet.
- (e) Gulf Oil Corporation is the lessor of the entire section described and the well is so located in the unit that the only operator within 1500 feet of the well is another Gulf Oil Corporation Gas Unit.

In view of the existence of the facts herein stated and compliance with the provisions of Rule 5(b) of the Oil Conservation Commission's Order No. R-520, Gulf Oil Corporation requests that the Secretary of the Commission approve the above described non-standard gas proration unit.

Respectfully submitted,

GULF OIL CORPORATION

By: J. H. Fisher
Division Production Manager

cc: New Mexico Oil Conservation Commission
P. O. Box 2045
Hobbs, New Mexico
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Technical Report Series

ANALYSIS OF THE INFLUENCE OF THE CROWN ON THE GROWTH AND YIELD OF SOYBEANS

The objective of this study was to determine the influence of the crown on the yield and growth of soybeans. The results will be used to determine the best way to manage the crop.

The first objective was to determine the effect of the crown on the yield and growth of soybeans. This was done by comparing the yield and growth of soybeans with different crown sizes. The second objective was to determine the best way to manage the crop.

RESULTS AND DISCUSSION

Effect of the crown on yield

The results of the experiment show that the yield of soybeans is influenced by the size of the crown. The yield of soybeans with a small crown was higher than the yield of soybeans with a large crown. The yield of soybeans with a medium crown was intermediate between the yield of soybeans with a small crown and the yield of soybeans with a large crown.

It is recommended that farmers plant soybeans with a small crown. This will result in a higher yield and better quality of soybeans.